

IN THE SPECIFICATION

Please replace the abstract at page 31 with the following Replacement Abstract. A clean copy of the Replacement Abstract appears at the end of this paper.

ABSTRACT

MICRO-SYSTEM FOR FILLING WITH MICRO-BEADS AND PROCESS FOR OBTAINING IT

The invention relates to a micro-system intended to receive beads and to obtain a precise positioning of said beads at preset locations in the micro-system. This micro-system comprises a tank (3) that has a cavity (4), ~~said~~ the cavity (4) being fitted with blocking elements (5) allowing the beads to be ordered and stacked in the interstices between the blocking elements (5), the interstices constituting ~~said~~ the preset locations. It also comprises a cap (7) anchored hermetically to the tank (3) and input means (8) and output means (9) allowing a fluid to flow in the cavity (4).

The invention also relates to the implementation and use of ~~said~~ the bead-filled micro-system.

~~Figure 1~~